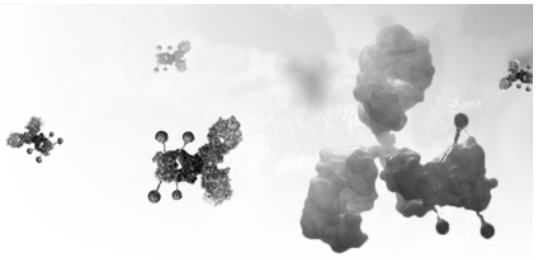

Mouse Anti-Human LILRB3 monoclonal antibody, clone NN12 (CABT-ZB633)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	It reacts with Human LILRB3 It has no cross-reactivity in ELISA with Human cell lysate (293 cell line).
Target	LILRB3
Immunogen	Recombinant Human LILRB3 Protein
Isotype	IgG
Source/Host	Mouse
Species Reactivity	Human
Clone	NN12
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA, ELISA(cap) This antibody will detect LILRB3 in antibody pair set. [ABPR-ZB212]
Preparation	This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Human LILRB3. The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.
Format	Purified, Liquid
Concentration	Lot specific
Size	50 µL, 100 µL, 200 µL, 1 mL

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Buffer	PBS
Preservative	None
Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction	Leukocyte immunoglobulin-like receptor subfamily B member 3, also known as Leukocyte immunoglobulin-like receptor 3, Immunoglobulin-like transcript 5, Monocyte inhibitory receptor HL9, CD85 antigen-like family member A, CD85a and LILRB3, is a single-pass type I membrane protein that belongs to the leukocyte receptor cluster (LRC) present on 19q13.4. LILRB3/CD85a contains four Ig-like C2-type (immunoglobulin-like) domains. LILRB3/CD85a contains three copies of a cytoplasmic motif that is referred to as the immunoreceptor tyrosine-based inhibitor motif (ITIM). This motif is involved in the modulation of cellular responses. The phosphorylated ITIM motif can bind the SH2 domain of several SH2-containing phosphatases. LILRB3/CD85a is expressed on immune cells where it binds to MHC class I molecules on antigen-presenting cells and transduces a negative signal that inhibits stimulation of an immune response. It is thought to control inflammatory responses and cytotoxicity to help focus the immune response and limit autoreactivity. Multiple transcript variants encoding different isoforms have been found.
Keywords	LILRB3; leukocyte immunoglobulin-like receptor; subfamily B (with TM and ITIM domains); member 3

GENE INFORMATION

Synonyms	LILRB3; leukocyte immunoglobulin-like receptor; subfamily B (with TM and ITIM domains); member 3; HL9; ILT5; LIR3; PIRB; CD85A; ILT-5; LIR-3; LILRA6; leukocyte immunoglobulin-like receptor subfamily B member 3; immunoglobulin-like transcript 5; monocyte inhibitory receptor HL9; CD85 antigen-like family member A; leukocyte immunoglobulin-like receptor 3; leukocyte immunoglobulin-like receptor; subfamily A (with TM domain); member 6
Entrez Gene ID	11025
UniProt ID	O75022

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